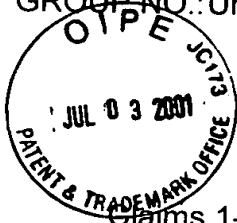


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**Remarks**

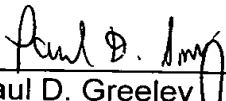
TECHNOLOGY CENTER 2800

Claims 1-8 remain in the application and claims 9-19 are newly added.

Attached hereto is a marked up version of the changes made to the claims by the current amendment. The attached page is captioned "Version With Markings to Show Changes Made."

Respectfully submitted,

6-29-01  
\_\_\_\_\_  
Date

  
\_\_\_\_\_  
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VERSION WITH MARKINGS TO SHOW CHANGES MADE

IN THE CLAIMS

Please add the following new claims:

- 9. (Newly added) An optical device comprising:
- an imaging device for imaging an incident beam on a focal surface; and
- a flexible sensor array formed to a shape of said focal surface by fixing at least a portion of said sensor.
10. (Newly added) The optical device of claim 9, wherein said at least a portion of said flexible sensor array comprises at least two ends of said flexible sensor array.
11. (Newly added) The optical device of claim 9, wherein said at least a portion of said flexible sensor array comprises at least two points located on a surface of said flexible sensor array.
12. (Newly added) The optical device of claim 9, wherein said at least a portion of said flexible sensor array comprises at least two points located on an edge of said flexible sensor array.
13. (Newly added) The optical device of claim 9, wherein said at least two points are located on different edges of said flexible sensor array.
14. (Newly added) The optical device of claim 9, further comprising a support element wherein said at least one portion of said flexible sensor array is fixed to said support element and said support element forms said flexible sensor array to said shape of said focal surface.
15. (Newly added) The optical device of claim 9, wherein said flexible sensor array comprises at least one photosensitive element mounted on a flexible structure.
16. (Newly added) The optical device of claim 15, wherein said flexible structure has a

thickness which ranges from about 1 micrometer to about 0.1 millimeters.

17. (Newly added) The optical device of claim 9, wherein said flexible sensor array comprises a photodiode line.

18. (Newly added) The optical device of claim 9, wherein said imaging device comprises a grating.

19. (Newly added) The optical device of claim 9, wherein said focal surface is defined by a Rowland Circle.--